

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
 Data File : BG038425.D
 Acq On : 8 Dec 2018 6:37
 Operator : JU/SJ
 Sample : PB115307BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115307BL

Quant Time: Dec 10 02:56:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	23049	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	96624	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	66123	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	181513	20.00	ng	0.00
76) Chrysene-d12	21.73	240	176518	20.00	ng	-0.02
87) Perylene-d12	25.04	264	180745	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	176291	135.35	ng	0.00
7) Phenol-d6	7.22	99	261120	138.71	ng	0.00
23) Nitrobenzene-d5	9.24	82	157566	80.96	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	148733	183.23	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	390175	84.08	ng	0.00
79) Terphenyl-d14	20.05	244	748561	90.85	ng	0.00

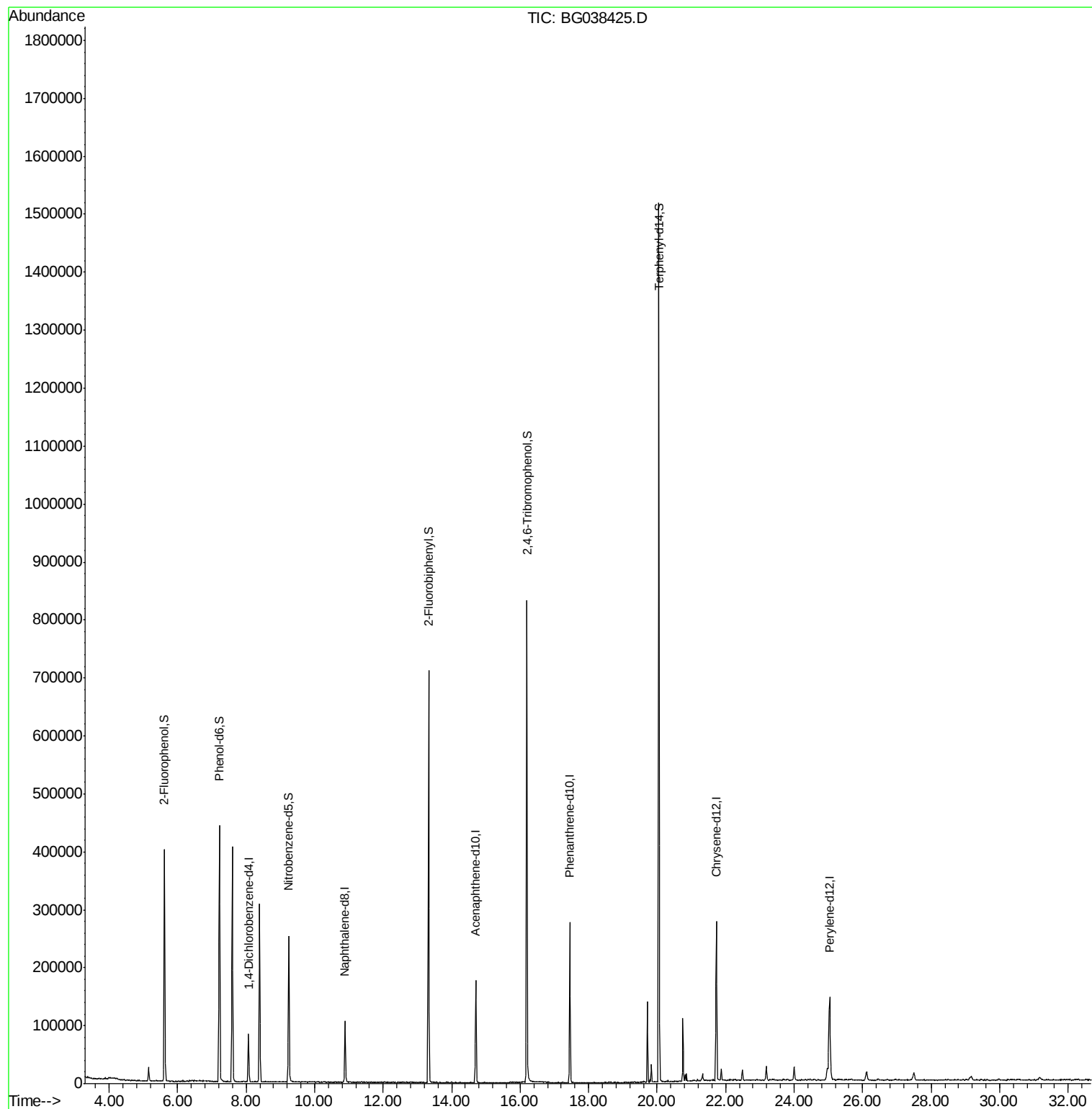
Target Compounds Qvalue

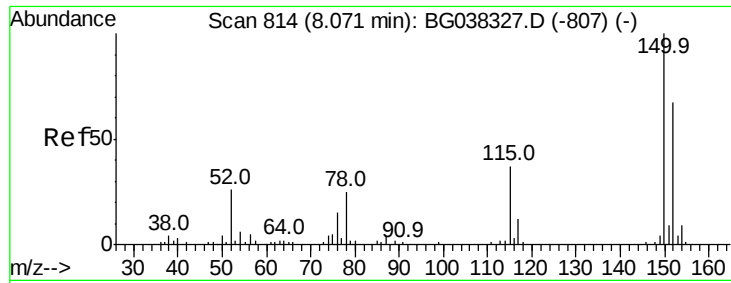
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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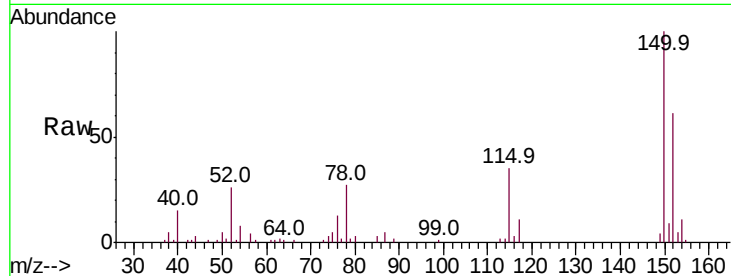


#1

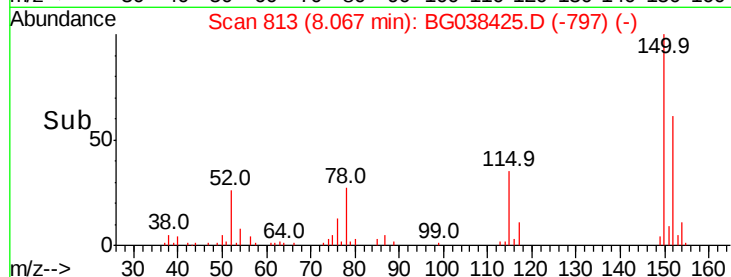
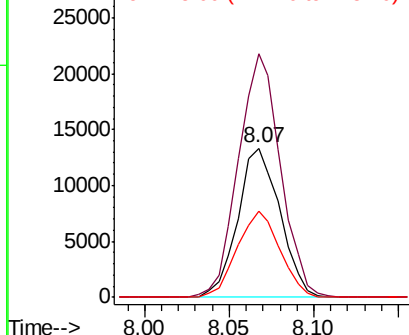
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.00 min
Lab File: BG038425.D
Acq: 8 Dec 2018 6:37

Instrument :
BNA_G
ClientSampleId :
PB115307BL

Tot Ion:152 Resp: 23049
Ion Ratio Lower Upper
152 100
150 163.5 126.0 189.0
115 58.0 45.5 68.3



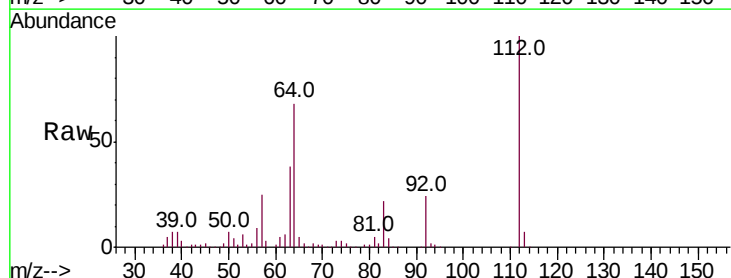
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



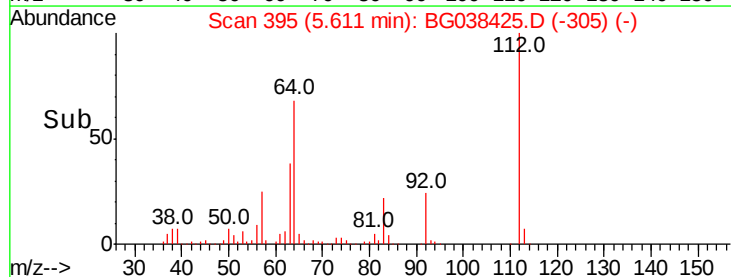
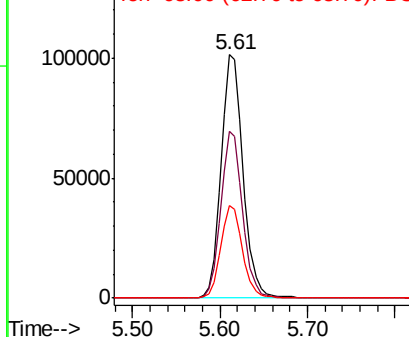
#5

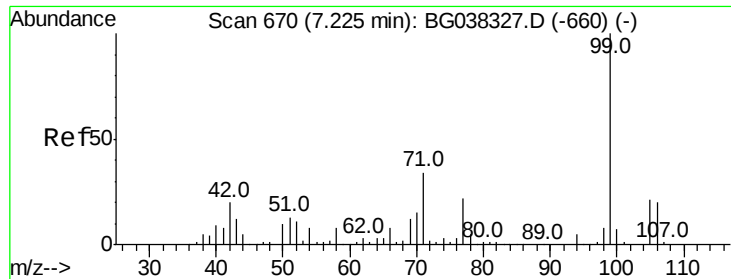
2-Fluorophenol
Concen: 135.352 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.00 min
Lab File: BG038425.D
Acq: 8 Dec 2018 6:37

Tgt Ion:112 Resp: 176291
Ion Ratio Lower Upper
112 100
64 68.3 53.1 79.7
63 38.2 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 138.709 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG038425.D

Acq: 8 Dec 2018 6:37

Instrument :

BNA_G

ClientSampleId :

PB115307BL

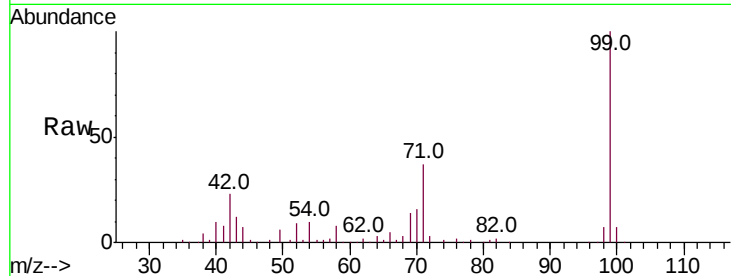
Tot Ion: 99 Resp: 261120

Ion Ratio Lower Upper

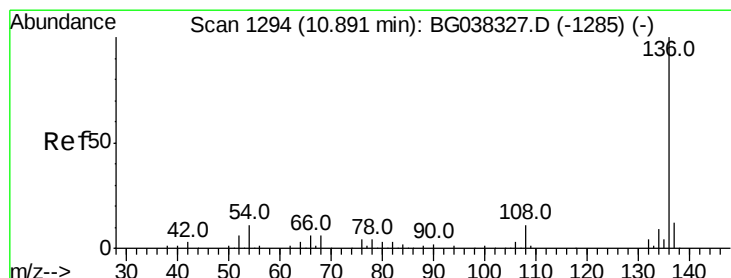
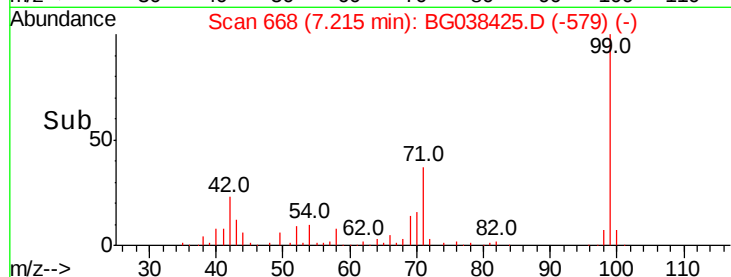
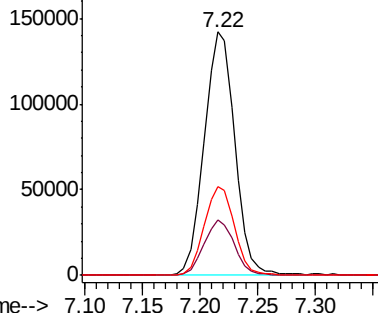
99 100

42 22.9 15.0 22.4#

71 36.6 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.89 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BG038425.D

Acq: 8 Dec 2018 6:37

Tgt Ion: 136 Resp: 96624

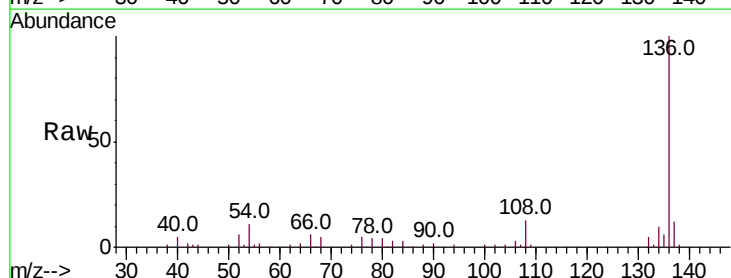
Ion Ratio Lower Upper

136 100

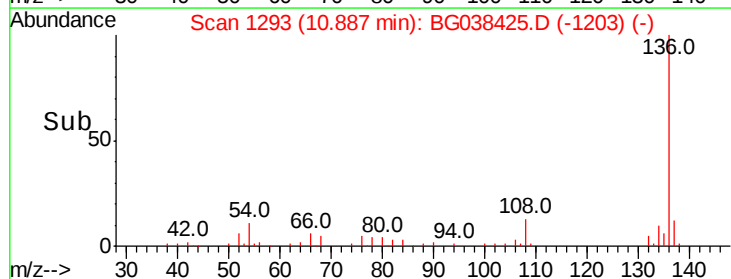
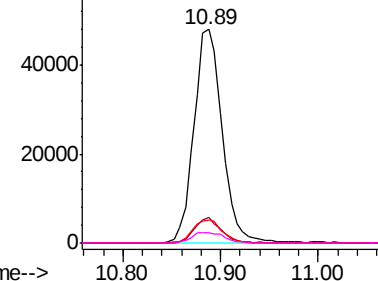
137 11.7 9.6 14.4

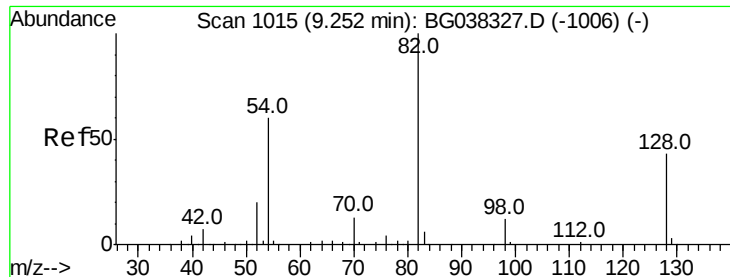
54 10.9 7.9 11.9

68 5.0 4.8 7.2



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

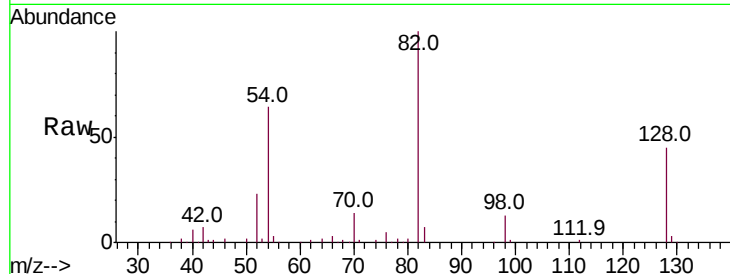




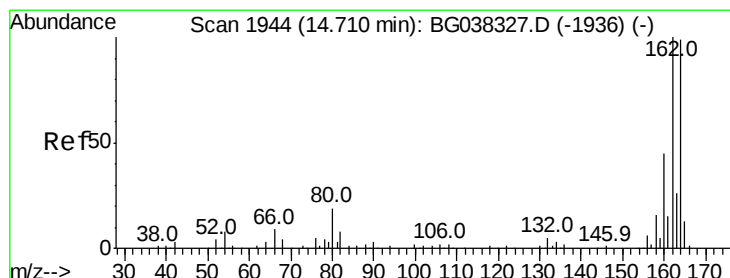
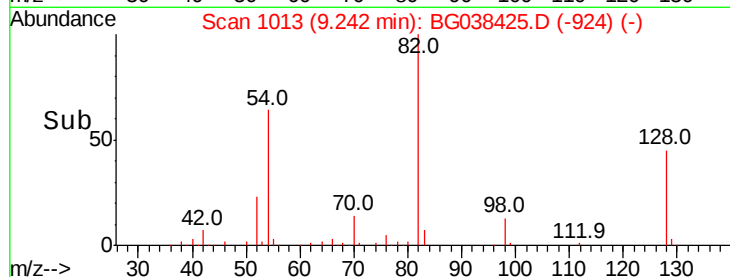
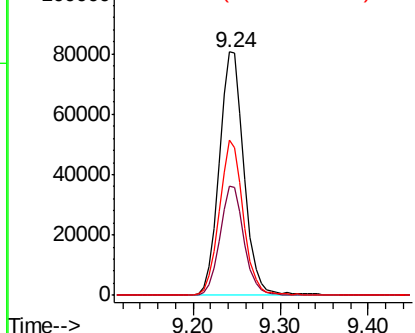
#23
Nitrobenzene-d5
Concen: 80.961 ng
RT: 9.24 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BG038425.D
Acq: 8 Dec 2018 6:37

Instrument :
BNA_G
ClientSampleId :
PB115307BL

Tot Ion: 82 Resp: 157566
Ion Ratio Lower Upper
82 100
128 44.9 34.6 51.8
54 63.8 45.3 67.9

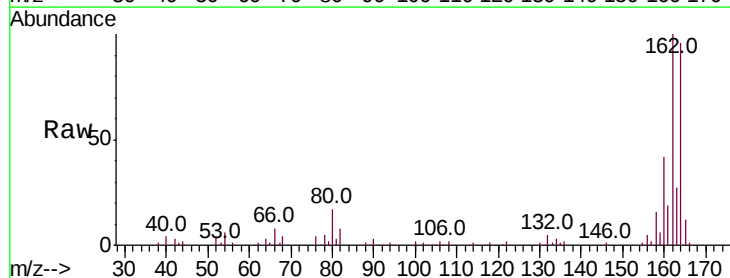


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

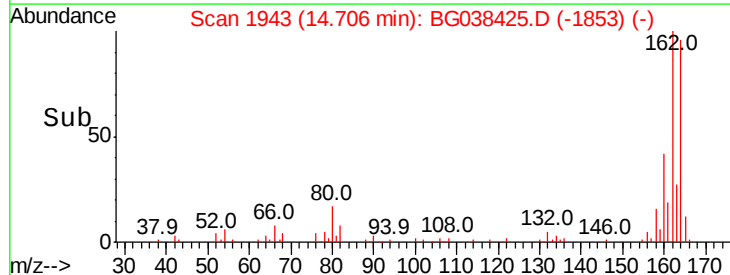
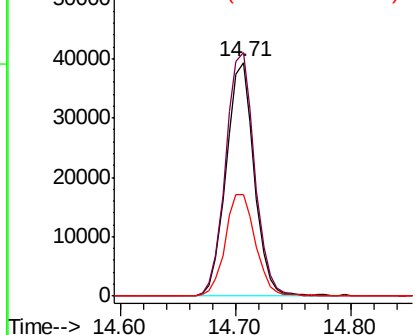


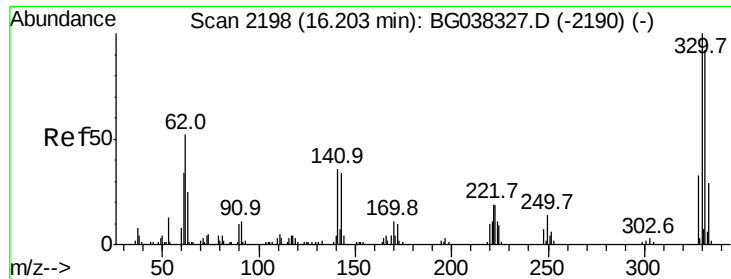
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BG038425.D
Acq: 8 Dec 2018 6:37

Tgt Ion:164 Resp: 66123
Ion Ratio Lower Upper
164 100
162 104.1 81.3 121.9
160 43.2 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 183.227 ng

RT: 16.19 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG038425.D

Acq: 8 Dec 2018 6:37

Instrument :

BNA_G

ClientSampleId :

PB115307BL

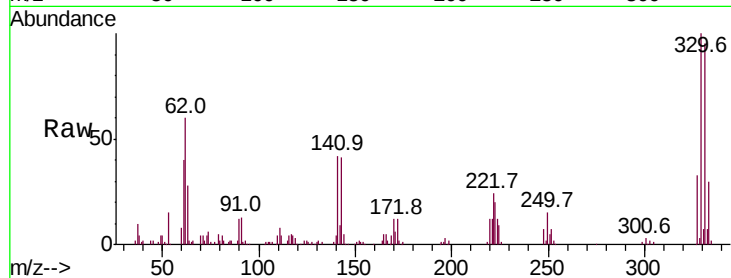
Tot Ion:330 Resp: 148733

Ion Ratio Lower Upper

330 100

332 94.3 78.4 117.6

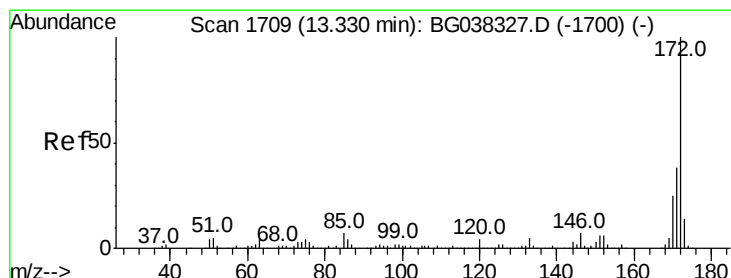
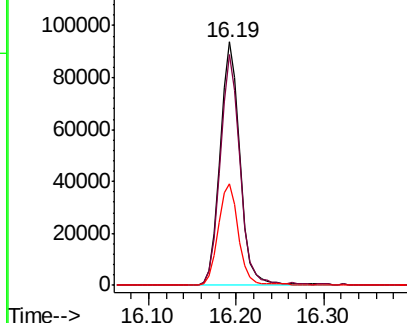
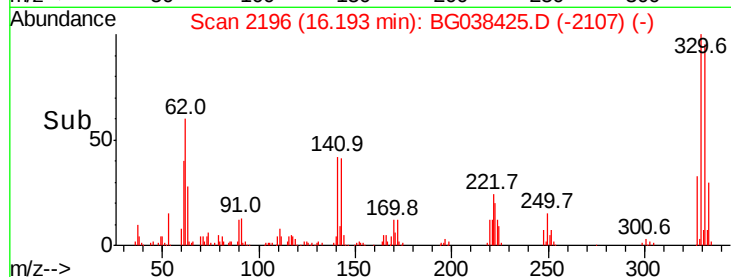
141 42.4 32.2 48.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 84.081 ng

RT: 13.33 min Scan# 1708

Delta R.T. -0.00 min

Lab File: BG038425.D

Acq: 8 Dec 2018 6:37

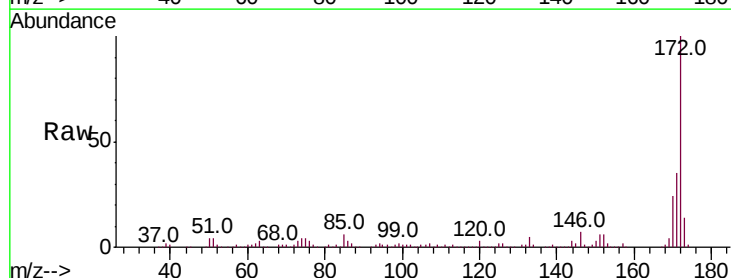
Tgt Ion:172 Resp: 390175

Ion Ratio Lower Upper

172 100

171 35.4 31.0 46.4

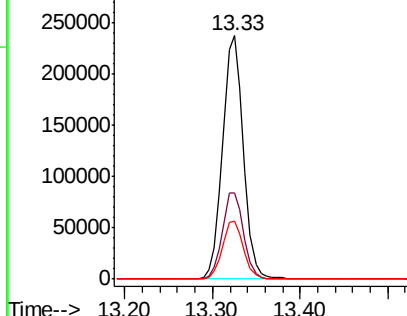
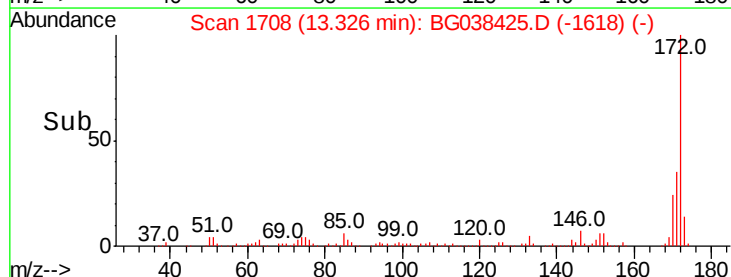
170 24.1 20.2 30.2

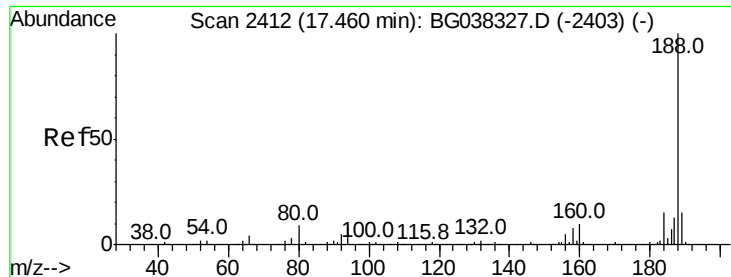


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

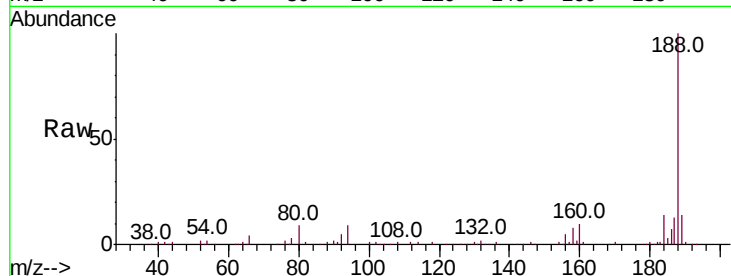




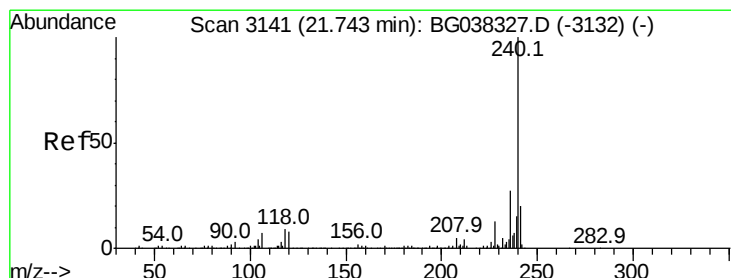
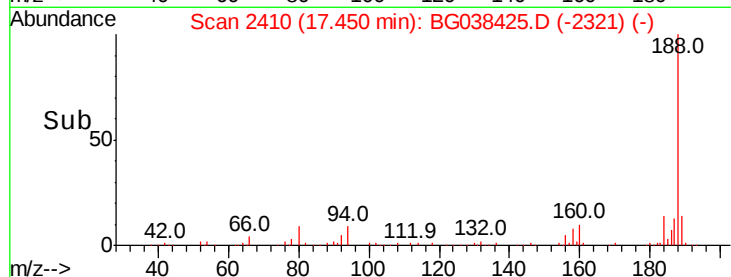
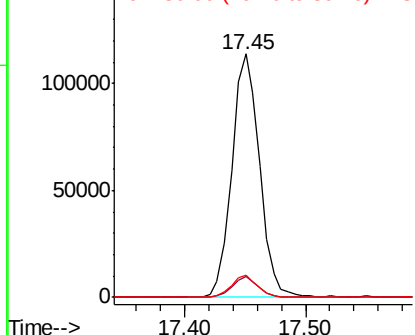
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BG038425.D
Acq: 8 Dec 2018 6:37

Instrument :
BNA_G
ClientSampleId :
PB115307BL

Tot Ion:188 Resp: 181513
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 8.9 7.7 11.5

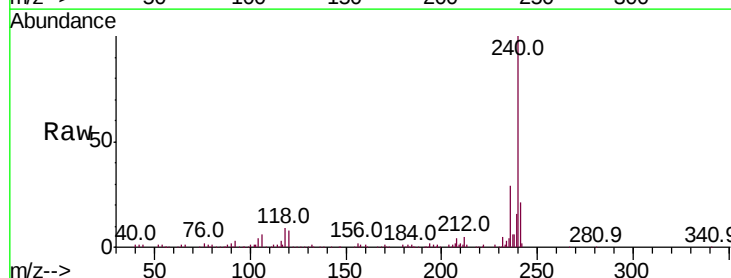


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

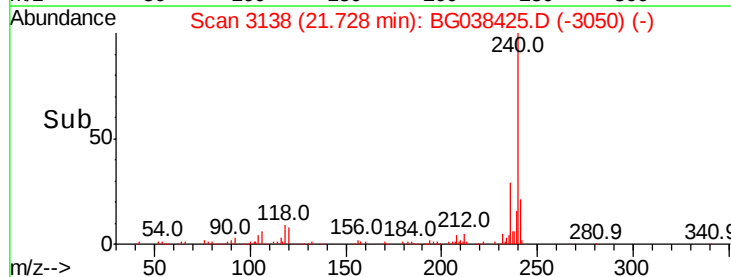
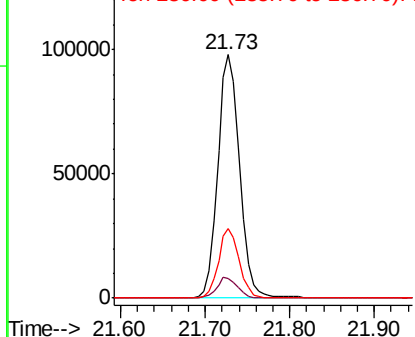


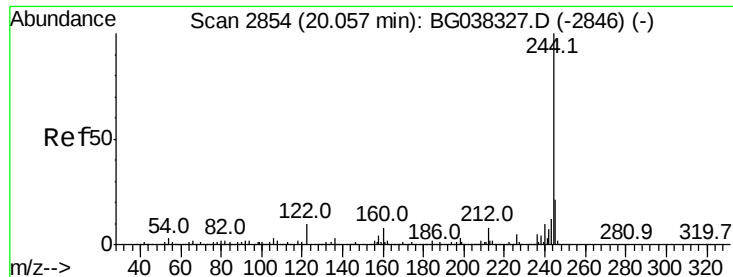
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3138
Delta R.T. -0.02 min
Lab File: BG038425.D
Acq: 8 Dec 2018 6:37

Tgt Ion:240 Resp: 176518
Ion Ratio Lower Upper
240 100
120 8.1 8.1 12.1
236 28.7 21.4 32.0



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 90.847 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG038425.D

Acq: 8 Dec 2018 6:37

Instrument :

BNA_G

ClientSampleId :

PB115307BL

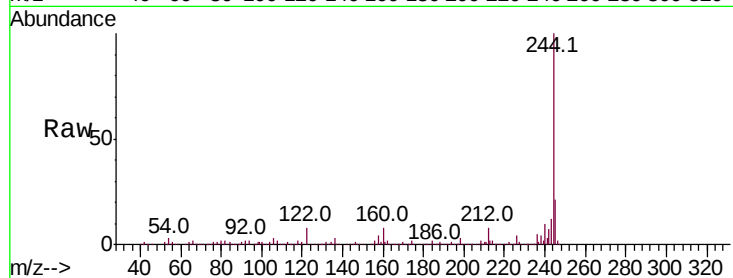
Tot Ion:244 Resp: 748561

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

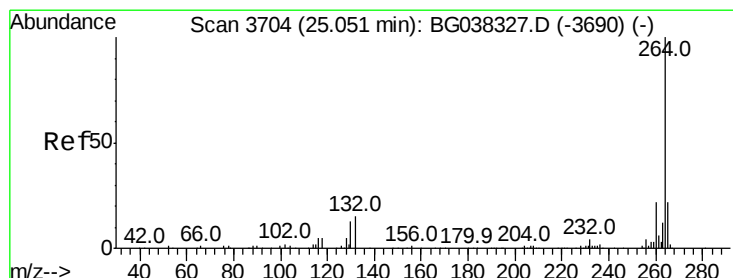
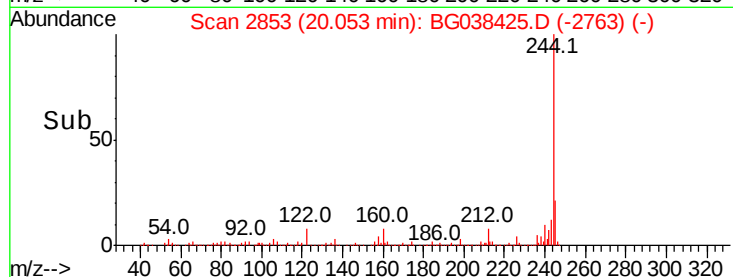
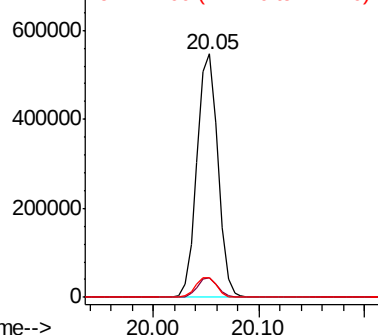
122 8.3 9.0 13.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.04 min Scan# 3701

Delta R.T. -0.02 min

Lab File: BG038425.D

Acq: 8 Dec 2018 6:37

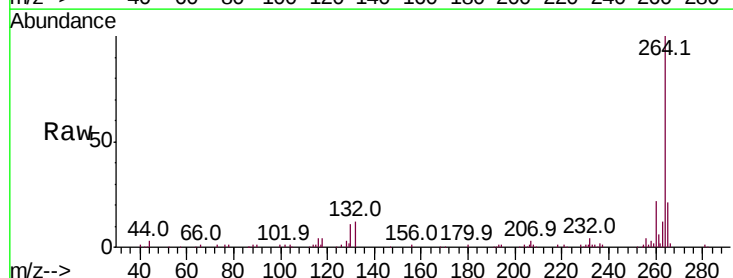
Tgt Ion:264 Resp: 180745

Ion Ratio Lower Upper

264 100

260 22.3 18.2 27.4

265 21.4 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

